

Form

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e="border: solid black; border-top-width: 0; border-left-width: 1; border-right-width: 1; border-bottom-width: 1">1.Title of Security

(Instr. 3)2. Transaction Date (Month/Day/Year)2A. Deemed Execution Date, if any (Month/Day/Year)3. Transaction Code
 (Instr. 8)4. Securities Acquired (A) or Disposed of (D)
 (Instr. 3, 4 and 5)5. Amount of Securities Beneficially Owned Following Reported Transaction(s)
 (Instr. 3 and 4)6. Ownership Form: Direct (D) or Indirect (I)
 (Instr. 4)7. Nature of Indirect Beneficial Ownership
 (Instr. 4)CodeVAmount(A) or (D)Price Common stock02/16/2017 M⁽¹⁾ 6,000 A \$ 0.3025 6,000 D Common
 stock02/16/2017 S⁽²⁾ 6,000 D \$ 50.01 ⁽³⁾ 0 D Common stock 272,272 I See footnote ⁽⁴⁾ Common stock
 79,082 I See footnote ⁽⁵⁾

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474
(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Stock option (right to buy)	\$ 0.3025	02/16/2017		M ⁽¹⁾	6,000	⁽⁶⁾ 08/12/2019	Common stock	6,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Schenkein David P C/O AGIOS PHARMACEUTICALS, INC. 88 SIDNEY STREET CAMBRIDGE, MA 02139	X		Chief Executive Officer	

Signatures

/s/ Andrew Hirsch, as Attorney-in-Fact for David Schenkein

02/17/2017

__Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) This exercise was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person.
- (2) This sale was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person.
The price reported is the weighted average of the shares sold. The shares were sold at varying prices in the range of \$50.00 to \$50.05. The
- (3) reporting person undertakes, upon request by the staff of the Securities and Exchange Commission, the issuer, or a security holder of the issuer, to provide full information regarding the number of shares sold at each separate price.
- (4) Shares held by David P. Schenkein 2004 Revocable Trust, of which the reporting person is trustee and beneficiary.
- (5) Shares held by Amy P. Schenkein 2004 Revocable Trust, of which the reporting person's spouse is trustee and beneficiary.
- (6) This option was granted on August 13, 2009. The shares underlying this option vest as to 25% of the shares on August 1, 2010, with the remaining 75% vesting in 36 equal monthly installments thereafter.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.